

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph which begins on page 6, line 11, and extends to page 6, line 21, as follows:

By means of the invention, two power detectors with relatively limited dynamic ranges can thus be used together in order to detect power within a wide dynamic range with great accuracy. When the power input to the device according to the invention lies within the range for which the second power detector is designed, the phase shifter is set to give a phase shift of zero degrees, which means that all the power will go to the second power detector, and when the power is within the ranges for which the first power detector is designed, the phase shifter is set to give a phase shift of ninety degrees, which means that half the power goes to the first power detector ~~phase shifter~~, which can thereby be used to detect power within the range for which it is designed.